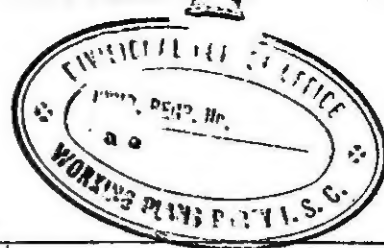


1891-92.



| District. | Taluka. | TRIANGULATION. | | | TRAVERSE. | | | TOPOGRAPHICAL S'. | | | Total. |
|-------------------------|-------------|----------------|-------|------------|-----------|-------------------|------------------|-------------------|----------------------|-------------------|---------------------|
| | | Area. | Cost. | Cost Rate. | Area. | Cost. | Cost Rate. | Area. | Cost. | Cost Rate. | |
| North Thána | Váda .. | .. | .. | .. | A. 13 | Rs. a. p. 483 4 3 | Rs. a. p. 37 2 9 | A. g. 62 27 | Rs. a. p. 8,445 1 10 | Rs. a. p. 161 9 1 | Rs. a. p. 8,933 6 1 |
| | Bassein .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| South Thána | Bhiwandi .. | .. | .. | .. | .. | .. | .. | 31 2 | 5,011 11 9 | .. | 5,011 11 9 |
| Total .. | | .. | .. | .. | 13 | 483 4 3 | 37 2 9 | 63 29 | 13,456 18 7 | .. | 13,940 1 10 |
| Cost per square mile .. | | .. | .. | .. | .. | 37 2 9 | .. | .. | 161 9 1 | .. | .. |

(a) 57 linear miles in Váda in advance.
(b) Bassein.

1892-93.

| District. | Taluka. | TRIANGULATION. | | | TRAVERSE. | | | TOPOGRAPHICAL S'. | | | Total. |
|-------------------------|-------------|----------------|-----------|------------|-----------|----------|------------|-------------------|------------|------------|-------------|
| | | Area. | Cost. | Cost Rate. | Area. | Cost. | Cost Rate. | Area. | Cost. | Cost Rate. | |
| North Thána | Váda .. | 165 | 2,559 7 8 | 15 8 0 | 10 | 154 15 8 | 15 8 0 | .. | .. | .. | 2,714 7 0 |
| | Bassein .. | .. | .. | .. | .. | .. | .. | 45 0 | 7,060 0 5 | 156 14 2 | 7,060 0 5 |
| South Thána | Salsette .. | .. | .. | .. | .. | .. | .. | 11 20 | .. | .. | .. |
| | Bhiwandi .. | .. | .. | .. | .. | .. | .. | 3 80 | 2,339 7 6 | 155 14 11 | 2,339 7 6 |
| Total .. | | 165 | 2,559 7 8 | 15 8 0 | 10 | 154 15 8 | 15 8 0 | 60 0 | 9,399 7 11 | 156 6 6 | 12,113 15 3 |
| Cost per square mile .. | | .. | 15 8 0 | .. | .. | 15 8 0 | .. | .. | 156 6 6 | .. | .. |

47. The mileage rates vary very little in the different localities in which the Survey Party was at work, as the features of the country are identical and the cost of the different operations appears to be slightly in favour of the year under report.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

I.—REGULATION AND MANAGEMENT.

(a). WORKING PLANS AND THEIR CONTROL.

48. The Working Plans Division was transferred from the old to the new Northern Circle on the formation of the latter, and was in charge of Mr. T. B. Fry, Deputy Conservator of Forests, throughout the year. No change was made in the system originally adopted, and the operations of the Working Plans Officer were confined to Thána District.

—49. The system in force continues to meet with the favour of officials concerned in the welfare of the forests and of the agricultural interests in the district. There can be no doubt that it best meets the wants of the agricultural classes whilst providing for the maintenance of the forests, and if not altogether a scientific method of treatment it at least paves the way for a better system which may be introduced in the future.

50. In accordance with the orders issued in Government Resolution No. 7107, dated 6th September 1892, every effort was made to exploit all the coupes of the year. The majority of them were eagerly bought up by contractors; but of the number which did not find purchasers some were felled departmentally, while others were left standing.

51. The working plan of the forests comprised in the Bassein Range was reduced to paper, but being subjected to criticisms it was under consideration at the close of the year.

52. The following is the progress statement of work performed by the Working Plans Officer and his establishment during 1892-93 :—

| No. | Range. | Total Forest Area. | Number of Blocks per Range. | Number of Compartments actually laid out in 1892-93. | Average Area of Compartments actually laid out. | REMARKS. |
|-----------------------|------------------|--------------------|-----------------------------|--|---|---|
| <i>East Thána.</i> | | | | | | |
| 1 | Kalyán | 32,178 | 16 | 15 | 44 | Average normal area of compartment is 65 acres. |
| 2 | Murbád | 71,712 | 20 | 20 | 49 | |
| 3 | Bhiwandi | 46,099 | 20 | 20 | 49 | |
| 4 | Mokháda | 40,190 | 16 | 25 | 62 | |
| 5 | Khardi | 149,366 | 52 | 52 | 61 | |
| 6 | Sháhápnr | | | | | |
| Total ... | | 339,545 | 124 | 132 | 53 | |
| Total during 1891-92. | | 339,545 | 124 | 142 | 50 | |
| <i>West Thána.</i> | | | | | | |
| 1 | Sálsette | 14,441 | 10 | 10 | 39 | Average normal area of compartment is 51 acres. |
| 2 | Bassein | 51,230 | 23 | 24 | 51 | |
| 3 | Máhim | 76,033 | 35 | 43 | 48 | |
| 4 | Dáhanu | 107,351 | 45 | 56 | 59 | |
| 5 | Umbargaon | 23,008 | 12 | 12 | 46 | |
| 6 | Váda | 77,031 | 33 | 40 | 55 | |
| Total ... | | 349,094 | 158 | 185 | 50 | |
| Total during 1891-92. | | 358,441 | 164 | 199 | 52 | |

53. The expenditure on these operations is exhibited below, from which it will be seen that the cost per acre of laying out the compartments of the year under report is very slightly in excess of that of the preceding year :—

| No. | Range. | Number of Compartments. | Defined by | | Aggregate Area of Compartments. | Cost. | Average Cost per Compartment. | Average Cost per Acre. | REMARKS. |
|-----------------------|-----------------|-------------------------|------------|---------|---------------------------------|-----------|-------------------------------|------------------------|---|
| | | | Cairns. | Stones. | | | | | |
| East Thána. | | | | | | | | | |
| | | | | | A. g. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| 1 | Kalyán | 15 | 35 | 933 | 656 10 | 57 4 0 | 3 13 1 | 0 1 7 | 12 additional coupes marked. |
| 2 | Bhiwandi | 20 | 12 | 1,055 | 993 0 | 87 12 0 | 3 6 2 | 0 1 1 | |
| 3 | Murbád | 20 | 06 | 1,611 | 982 20 | 84 14 0 | 4 0 4 | 0 1 5 | |
| 4 | Sháhápnr | 52 | 161 | 4,609 | 3,154 0 | 232 6 0 | 4 6 10 | 0 1 2 | |
| 5 | Khardi | | | | | | | | |
| 6 | Mokháda | 25 | 94 | 2,427 | 1,556 30 | 117 1 6 | 4 10 10 | 0 1 2 | |
| Total .. | | 132 | 308 | 11,235 | 7,342 20 | 659 5 6 | 4 2 3 | 0 1 3 | |
| West Thána. | | | | | | | | | |
| 1 | Umbargaon | 12 | 88 | 1,021 | 549 0 | 59 8 6 | 4 14 0 | 0 1 3 | One additional coupe marked. Seven do. |
| 2 | Dáhanu | 56 | 254 | 4,973 | 3,309 0 | 281 13 6 | 5 3 4 | 0 1 1 | |
| 3 | Máhim | 43 | 122 | 3,124 | 2,074 0 | 162 0 9 | 3 12 3 | 0 1 3 | |
| 4 | Bassein | 24 | 2 | 1,872 | 1,171 10 | 89 12 0 | 3 11 2 | 0 1 2 | |
| 5 | Váda | 40 | 154 | 3,621 | 2,187 0 | 201 10 9 | 4 12 8 | 0 1 4 | |
| 6 | Salsette | 10 | 23 | 690 | 394 0 | 40 5 0 | 4 8 0 | 0 1 7 | |
| Total .. | | 186 | 623 | 15,304 | 9,684 10 | 844 2 6 | 4 7 7 | 0 1 4 | |
| Grand Total .. | | 317 | 931 | 26,539 | 17,026 30 | 1,403 8 0 | 4 6 10 | 0 1 4 | |
| Total during 1891-92. | | 341 | 1,121 | 29,913 | 17,560 0 | 1,463 2 4 | 4 3 2 | 0 1 4 | |

(b). ANNUAL PLANS-OF-OPERATIONS.

54. Under the orders issued in Government Resolution No. 7107, dated 6th September 1892, the annual plan of operations is now submitted by Divisional Forest Officers through their respective Collectors, in order that the latter may consider any proposed closure of forest areas against grazing or other privileges, and may see that due provision is made for local wants, and also that he may make known to the people where supplies of wood, grass, and ráb may be obtained, and the localities in which grazing is prohibited or allowed.